B.B.M.P

BRUHAT BENGALURU MAHANAGARA PALIKE

YELAHANKA ZONE

DIVISION: BYATARAYANAPURA

SUB DIVISION: VIDYARANYAPURA

Name of Work: Estimate for Improvements to footpaths in Ward No. 14 (Vidyaranyapura).

Estimated Cost Rs. 30.00 Lakhs

BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

NAME OF WORK:- Improvements to footpaths in Ward No. 14 (Vidyaranyapura).

Estimation Cost.Rs 3000000.00

Sl No	Description of work	Unit	Mesurement				Qty.	Rate	Amount
			No.	L	B	D			
1	Earth work Excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils, as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work. **(PWD SR 2021-22 Vol -I Pg No 5 Item No 1.4.1)**	Cum							
	Drain Desilt								
	HMT Layout 6th Block 2nd Main		1	605.00	0.45	0.45	122.51		
	Basic rate	186.00							
	Area weightage 10%	18.60							
	Sub Total	204.60							
	Total						**122.51**	204.60	**25066.00**
2	Removing and refixing stone slabs of drains and pointing in CM (1:3) **Page No. 27 / Item No. 5.33 PWD SR 2018-19**	Sqm							
	For Drain Reseting								
	HMT Layout 6th Block 2nd Main		1	605.00		1.35	816.75		
							816.75		
	Basic Rate	105.00							
	Area Weightage @ 6%	6.30							
	Total	**111.30**							
							816.75	111.30	**90904.00**
3	Providing granite slabs of selected quality roughly dressed havinf a size of 7.5 cms thick and fixed in cement mortar (1:6) including fixing curing ete., complete **Page No. 27 / Item No. 5.31.1 PWD SR 2018-19**	Sqm							
	Damaged Slabs & Missing Slabs 25% of total Qty		Vide Item No. 2				196.02		

Sl No	Description of work	Unit	Mesurement				Qty.	Rate	Amount
			No.	L	B	D			
	Basic Rate	700.00							
	Area Weightage @ 6%	42.00							
	Total	**742.00**							
							196.02	742.00	**145447.00**
4	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite / trap / basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately **Mix 1:3:6 (M10) Using 20 mm nominal size graded crushed coarse aggregate (PWD SR 2021-22 Vol -I Pg 15 item no 2.1.4))**	Cum							
	Drain Vent Conrete								
	HMT Layout 6th Block 2nd Main		1	300.00	0.45	0.10	13.50		
	Flagging Course								
	HMT Layout 6th Block 2nd Main		2	605.00	0.15	0.10	18.15		
	Below Ketb Stones								
	HMT Layout 6th Block 2nd Main		1	605.00	0.15	0.10	9.08		
	Issued Rate 07-07-2022 Basic rate	5728.00							
	Area weightage 10%	572.80							
	Sub Total	6300.80							
	Total						**40.73**	6300.80	**256600.00**
5	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x150x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications **PWD SR 2021-22, Page No. 17, Item No. 6.33, Vol - II**	Sqm							
	Flagging Course								
	HMT Layout 6th Block 2nd Main		2	605.00		0.40	484.00		
	Basic Rate	1067.00							

Sl No	Description of work	Unit	Mesurement				Qty.	Rate	Amount
			No.	L	B	D			
	Area Weightage @ 10%	106.70							
	Total	**1173.70**							
							484.00	1173.70	**568071.00**
6	Providing and Fixing pre cast Covering Slab made out of CC 1:2:4 with **100 mm** thick and Finishing cutting, including form work,curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc, copmplete. **(Approved Data Rate)**	Sqm							
	Covering Slab								
	HMT Layout 6th Block 2nd Main		1	605.00	0.90		544.50		
	Data rate	2072.00							
	Total						**544.50**	2072.00	**1128204.00**
7	Supplying and fixing M15 grade precast cement concrete 600 x 300 x 150 mm Kerb Stone for Roadway, Sidewalls and gutters fixed with CM 1:3 fixed and finsihed in line as per direction of Engineer in charge. **(PWD SR 2021-22 Vol III Pg no 146 Item no 6.3)**	Mtrs							
	New Kerb Stones								
	HMT Layout 6th Block 2nd Main		1	605.00			605.00		
	Data rate	423.00							
	Area weightage 10%	42.30							
	Sub Total	465.30							
	Total						**605.00**	465.30	**281507.00**
8	Painting Two Coats on New Concrete Surfaces Painting two coats after filling the surface with synthetic enamel paint in all shades on new plastered concretesurfaces. MORTH Chapter 803 **(PWD SR 2021-22 Vol III Pg no 56 Item No 8.10)**	Sqm							
	Kerb Stone Painting								
	HMT Layout 6th Block 2nd Main		1	605.00		0.30	181.50		
		85							
	Basic rate	96.00							
	Area weightage 10%	9.60							
	Sub Total	105.60							
	Total						**181.50**	105.60	**19166.00**
9	Loading and Unloading of Stone Boulder / Stone aggregates / Sand / Kankar / Moorum. (Tipper 14 m3) **(PWD SR 2021-22 Vol-III Page No.3, Item No.1.1C)**	Cum							

Sl No	Description of work	Unit	Mesurement				Qty.	Rate	Amount
			No.	L	B	D			
	Qty Vide 90% of Item No- (1)						116.39		
	Total						**116.39**	81.40	**9474.00**
	Basic rate	74.00							
	Area Weightage 10%	7.40							
	Total	81.40							
10	Cost of Haulage Excluding Loading and Unloading Taking output 18 t load and lead 10 km = 180 t.km **(PWD SR 2021-22 Vol-III Page No.3, Item No.1.4B)**	T.Km							
	Qty frm Item No-9			116.39	1.28		148.97		
	Total						**148.97**	115.50	**17206.00**
	15Km 7*15	105.00							
	Area Weightage 10%	10.50							
	Total	115.50							
								Grand Total	**2541645.00**
								GST Charges (18% of Executed cost)	**457496.00**
								Miscellenious and rounding	**859.00**
								Total Amount	**3000000.00**
Rupees Thirty Lakh(s) Only									

CERTIFICATE:

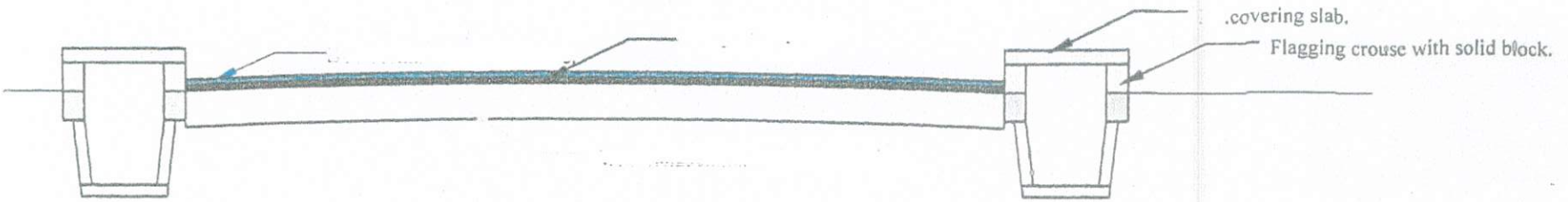
1) The work spot has been inspected and found to be necessary.
2) The work spot comes under B.B.M.P Limits.
3) The provisions made in the estimate are necessary and minimum.
4) The estimate is based on C.S.R of PWD 2021-2022, Issue rates and Data Rates.

Assistant Engineer
Ward No. 14, Vidyaranyapura

Assistant Executive Engineer
Vidyaranyapura Sub Division

Executive Engineer
Byatarayanapura Division

Technical Sanction
Accorded For 30.00 Lakhs only
Head of A/C 3726
CER NO : 156 Dt: 16/09/2022



TIPICAL CROSS SECTION OF FLAGGING COURSE

ASSISTANT ENGINEER.

ASSISTANT EXECUTIVE ENGINEER.

Executive Engineer
Anuppur coal Dept
M.P. Govt. Contract-07

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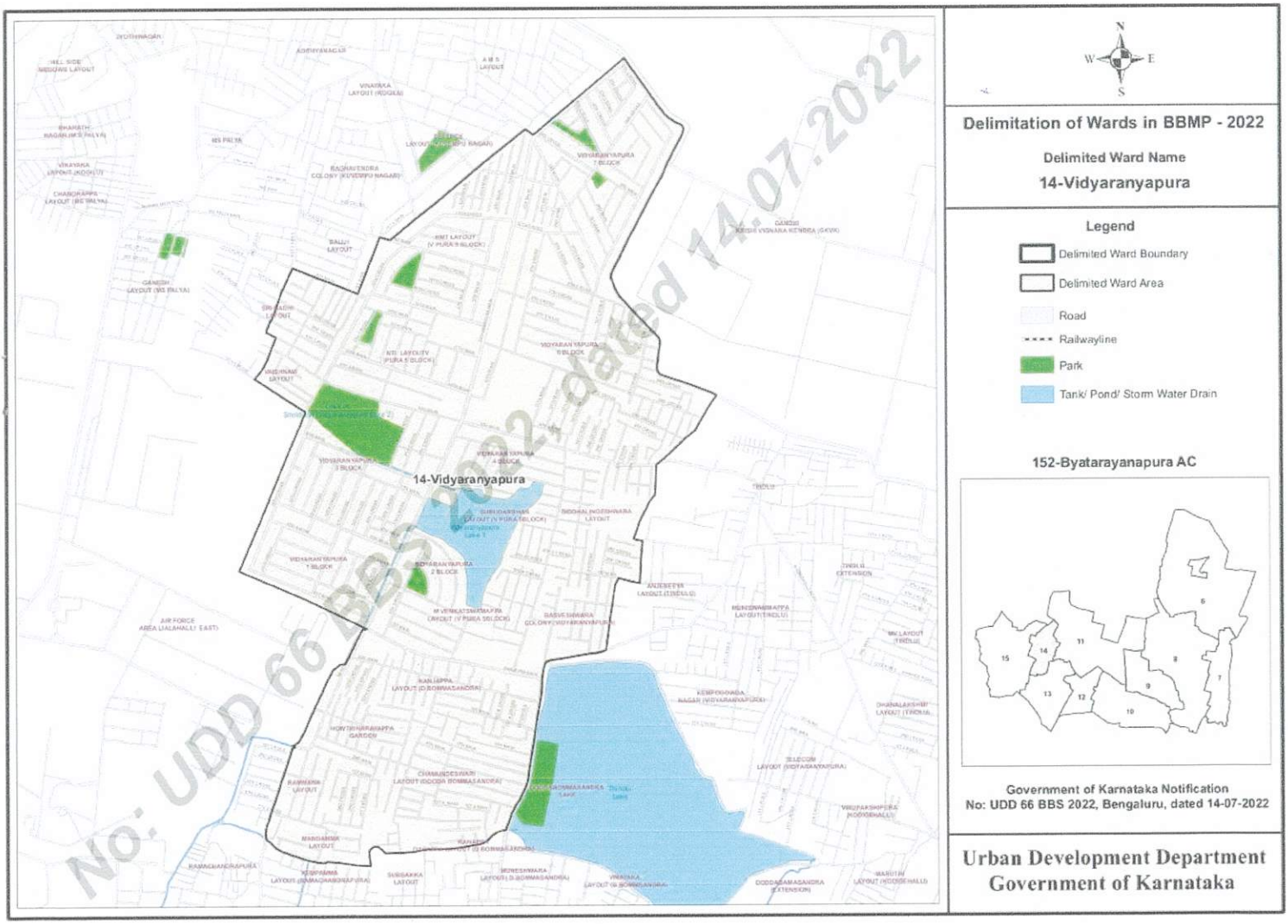

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